ASIAN COMPUTER-VENDED POSTAGE (FRAMA AND ATM): AN OVERVIEW

CHINA

Nagler 1: 1999-2001 (1 issue)

(1_1) Nagler: postal logo (1999).

HONG KONG

Frama mark 1: 1986-1998 (13 issues)
Nagler: 1998- (1 issue)
Hasler: 2002 (1 issue)

(1) Due to an increase in domestic postage rates (4/10/02), 10c Hasler post office meter stamps were sold to customers in packages of 100 pieces. The date stamp has been removed on these stamps.

(2_1) Frama mark 1: carp (1986); (2_1) Nagler: orchids (1998); (2_3) Hasler: counter meter (2002).

INDONESIA

(3_1) Metric: Gedung Sate (1994).

ISRAEL

Frama mark 1: 1981-1998 (2 issues)
Klüssendorf: 1990-1999 (42 issues)
Amiel: 2004- (8 issues)


JAPAN

Omron: 1997- (2 issues)
Fuji Electric 1998-2004 (2 issues)

(1) Only minor differences in printing between Omron and Fuji Electric machines.
(5_1) Omron: flying sparrow (1997); (5_2) Fuji Electric: flying sparrow (1998).

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**KUWAIT**

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Frama mark 1: 1984-1997 (interruptions) (1 issue)


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**MACAU**

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Klüssendorf: 1993- (4 issues)  
Nagler: 1998- (4 issues)
(7_1) Klüssendorf: main post office (1993); (7_2) Nagler: energy conservation (2002).  

**MALAYSIA**  

Frama mark 1: 1987- (1 issue)  

(1) It seems that no cancellation of Frama labels has been required on mailed items in recent years.

![Frama mark 1: postal logo (1987).](image)

(8_1) Frama mark 1: postal logo (1987).

**PAPUA NEW GUINEA**  

Frama mark 1: 1990-1994 (2 issues)  

(9_1) Frama mark 1: “BOROKO” (1990).

![Frama mark 1: “BOROKO” (1990).](image)

**SINGAPORE**  

Almex: 1988-2000 (7 issues)  
Metric: 1997- (3 issues)

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TAIWAN

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Unisys: 1995-2000 (2 issues)
Nagler: 2001- (10 issues)
varioSyST: 2003- (10 issues)

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UNITED ARAB EMIRATES

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Amiel: 2002 (1 issue)

(1) Due to severe defects of the test machine, it has been in operation only for few hours on 9/15/02. Total number of issued stamps: 143 pieces (RRR)
(12_1) Amiel: falcon (2002).

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REFERENCES

(1) Michel Automaten-Spezial-Katalog 2004, Schwaneberger Verlag, Munich; ISBN 3 87858 376 1: This specialized catalogue lists all world-wide CVP (ATM, Frama) issues since 1969. It has been published in German.

(2) Danny Van den Reek collects world-wide ATM (CVP) and shows all images at http://home.tiscali.be/dannyyeddy/index.htm (in English).

(3) http://www.ateeme.net/ is run by Josep Jové i Jové who gives a lot of information on world-wide variable denomination stamps (in Spanish and English).